

**WHAT IS CLAIMED IS:**

1. A telecommunications system, comprising:  
5 a plurality of network clients including a positioning controller and a radio data network communications controller; and  
a positioning server including a coordinating controller for maintaining a database of network clients to be tracked and provide updates of position-related information to a presence server;  
10 wherein said plurality of network clients are configured to transmit position information received via said positioning controller to said positioning server via said radio data network communications controller.
2. A telecommunications system in accordance with claim 1, wherein said  
15 plurality of network clients is adapted to receive positioning database related updates via said data network communications controller.
3. A telecommunications system in accordance with claim 1, wherein said  
radio data network communications controller comprises a cellular data network  
20 controller for transmitting on a cellular telephone data network to said positioning server.
4. A telecommunications system in accordance with claim 1, wherein said  
radio data network communications controller comprises at least one of a CDPD  
25 controller, an SMS controller, a WiFi controller, or a two-way radio controller.
5. A telecommunications system in accordance with claim 3, wherein  
said positioning controller receives global positioning network signals for determining a position of an associated network client.  
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6. A telecommunications system in accordance with claim 3, wherein  
positioning server includes an e-mail message generator for communicating said updates to said presence server.

7. A telecommunications system in accordance with claim 3, wherein positioning server includes an Instant Messaging message generator for communicating said updates to said presence server.

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8. A telecommunications system in accordance with claim 3, wherein positioning server includes a Session Initiation Protocol (SIP) message generator for communicating said updates to said presence server.

10 9. A telecommunications system in accordance with claim 3, wherein said presence server maintains a database of location and presence correlation pairs for registered users and receives location updates from said positioning server.

10 10. A telecommunications system in accordance with claim 3, wherein said positioning server maintains a database of location and presence correlation pairs for registered users and provides presence updates to said presence server.

11. A telecommunications device, comprising:  
a positioning controller adapted to determine positioning information for said  
20 telecommunications device; and  
a wireless data network controller adapted to receive said positioning information from said positioning controller and cause said positioning information to be transmitted to an associated server.

25 12. A telecommunications device as recited in claim 11, wherein said positioning controller receives Global Positioning System (GPS) signals to determine said positioning information.

13. A telecommunications device as recited in claim 12, further including a  
30 rules database of location and presence related information.

14. A telecommunications device as recited in claim 13, wherein said

wireless data network controller transmits changes to location and presence status to said associated server.

15. A telecommunications device as recited in claim 13, wherein said  
5 wireless data network controller transmits changes to location status to said associated server.

16. A telecommunications device as recited in claim 13, wherein said  
wireless data network controller receives updates to said rules database from said  
10 associated server.

17. A telecommunications device as recited in claim 13, wherein said  
wireless data network controller comprises at least one of a CDPD network  
controller, an SMS network controller, a WiFi controller or a two-way radio controller.  
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18. A telecommunications method, comprising:  
receiving one or more user positioning and presence correlation rules at a  
local controller; and  
transmitting said one or more positioning and presence correlation rules over  
20 a wireless data communications network to a remote device.

19. A telecommunications method in accordance with claim 18, further  
comprising:  
receiving positioning updates at said remote device; and  
25 transmitting positioning updates to said local controller via said wireless data  
communications network as specified in said one or more positioning and presence  
correlation rules.

20. A telecommunications method in accordance with claim 19, wherein said  
30 receiving one or more user positioning and presence correlation rules comprises  
receiving at a server including a local controller one or more rules set via a network  
interface device operably coupled to said local controller.

21. A telecommunications method in accordance with claim 20, wherein said receiving positioning updates comprises receiving one or more signals from a global positioning network.

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22. A telecommunications method in accordance with claim 19, further comprising transmitting positioning updates from said remote device to one or more servers via said wireless data communications network.

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23. A telecommunications method in accordance with claim 22, wherein said wireless data communications network comprises at least one of a CDPD network, a WiFi network, an SMS network, or a two-way radio network.

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